CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	SECRET SECURITY INFORMATION East Germany Funkwerk Koepenick Construction of	REPORT NO. DATE DISTR.	25X1 26 August 1953
DATE OF INFO. PLACE ACQUIRED	a 10-Watt Medium Wave Length Transmitter 25X1	NO. OF PAGES REQUIREMENT NO. REFERENCES	1 25X1
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At present, there is being built at the RFT Funkwerk Koepenick a 10-watt medium wave length transmitter, intended to be mounted on ships beside a larger and more powerful transmitter. The construction of the set is difficult since it is supposed to operate on five fixed frequencies by remote control. These five frequencies are adjustable and shifted by means of coils. There must be a tuning means available whereby one can reach the chosen frequencies. In order to obtain tuning throughout the five ranges, tuning by variameter is necessary, which is gauged with the other tuning device. Resonance is achieved by motor-driven controls in which current passing through the variemeter is the controlling factor. Hand tuning of the transmitter can be achieved by pulling out the tuning knob on the rotary selector, releasing the catch between the motor and the tuning controls. The manufacture of the gear wheels is especially difficult. The transmitter is equipped with a P 50 as a final amplifier and can be used in Al or A2 type transmissions.

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